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| APPLICATION NO.         | FILING DATE     | FIRST NAMED INVENTOR | ATTORNEY DOCKET NO.     | CONFIRMATION NO |
|-------------------------|-----------------|----------------------|-------------------------|-----------------|
| 10/617,119              | 07/10/2003      | Rudolf Weiss         | WEISS, R ET AL 1        | 3441            |
| 25889 7                 | 7590 04/04/2005 |                      | EXAMINER                |                 |
| WILLIAM COLLARD         |                 |                      | MACARTHUR, VICTOR L     |                 |
| COLLARD &               |                 |                      | ADTIBUT                 | DARED MUNICIPAL |
| 1077 NORTHERN BOULEVARD |                 |                      | ART UNIT                | PAPER NUMBER    |
| ROSLYN, NY              | 11576           |                      | 3679                    |                 |
|                         |                 |                      | DATE MAILED: 04/04/2005 |                 |

Please find below and/or attached an Office communication concerning this application or proceeding.

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Application No.                                                                                                                                             | Applicant(s)                                                                                                             | Applicant(s)                                                |  |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------|--|
| Advisory Action                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 10/617,119                                                                                                                                                  | WEISS ET AL.                                                                                                             |                                                             |  |
| Before the Filing of an Appeal Brief                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Examiner                                                                                                                                                    | Art Unit                                                                                                                 |                                                             |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Victor MacArthur                                                                                                                                            | 3679                                                                                                                     |                                                             |  |
| The MAILING DATE of this communication ap                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | pears on the cover sheet w                                                                                                                                  | ith the correspondence ad                                                                                                | dress                                                       |  |
| HE REPLY FILED 21 March 2005 FAILS TO PLACE THIS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                                                             |                                                                                                                          |                                                             |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | ing a Notice of Appeal. To av<br>(1) an amendment, affidavit,<br>Appeal (with appeal fee) in co                                                             | void abandonment of this ap<br>or other evidence, which pla<br>ompliance with 37 CFR 41.31                               | ces the<br>I; or (3) a                                      |  |
| <ul> <li>a) The periods.</li> <li>a) The period for reply expires 3 months from the mailing date</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | e of the final rejection.                                                                                                                                   |                                                                                                                          |                                                             |  |
| b) The period for reply expires on: (1) the mailing date of this A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Advisory Action, or (2) the date set                                                                                                                        | forth in the final rejection, whiche                                                                                     | ver is later. In no                                         |  |
| event, however, will the statutory period for reply expire later                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | than SIX MONTHS from the mail                                                                                                                               | ling date of the final rejection.                                                                                        |                                                             |  |
| Examiner Note: If box 1 is checked, check either box (a) or MONTHS OF THE FINAL REJECTION. See MPEP 706.0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | (b), ONLY CHECK BOX (b) WHE<br>17(f).                                                                                                                       | IN THE FIRST REPLY WAS FIL                                                                                               | ED WITHIN TWC                                               |  |
| Extensions of time may be obtained under 37 CFR 1.136(a). The date seen filed is the date for purposes of determining the period of extension CFR 1.17(a) is calculated from: (1) the expiration date of the shortened above, if checked. Any reply received by the Office later than three more parned patent term adjustment. See 37 CFR 1.704(b).                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | on which the petition under 37 CF<br>on and the corresponding amount of<br>I statutory period for reply originally<br>nths after the mailing date of the fi | of the fee. The appropriate extens<br>y set in the final Office action; or (;<br>inal rejection, even if timely filed, n | sion fee under 37<br>2) as set forth in (<br>nay reduce any |  |
| The reply was filed after the date of filing a Notice of A was filed on A brief in compliance with 37 CFF Appeal (37 CFR 41.37(a)), or any extension thereof (3 Appeal has been filed, any reply must be filed within the complex of the com | R 41.37 must be filed within (<br>37 CFR 41.37(e)), to avoid dis                                                                                            | two months of the date of fill<br>smissal of the appeal. Since                                                           | ng the Notice o                                             |  |
| AMENDMENTS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                                                                                             |                                                                                                                          | 4 6                                                         |  |
| <ol> <li>The proposed amendment(s) filed after a final rejection</li> <li>They raise new issues that would require further</li> </ol>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | on, but prior to the date of fill                                                                                                                           | ing a prier, will <u>not</u> be entered                                                                                  | o because                                                   |  |
| (a)  They raise new issues that would require further (b)  They raise the issue of new matter (see NOTE b                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | relow).                                                                                                                                                     | (See NOTE below),                                                                                                        |                                                             |  |
| (c) They are not deemed to place the application in appeal; and/or                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | better form for appeal by ma                                                                                                                                |                                                                                                                          | ng the issues fo                                            |  |
| (d) They present additional claims without canceling                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | g a corresponding number of                                                                                                                                 | finally rejected claims.                                                                                                 |                                                             |  |
| NOTE: <u>The addition of the limitation "hub-sleev Note that previously, claim 7 set forth a hub and element is present. The claim limitations as find amendments are not (e.g. the hub-sleeve 3 do</u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | d claim 11 added a hub-sleev<br>ally rejected were clearly sho<br>es not have a conical region)                                                             | ve element whereas now onl<br>wn in figure 2. However, the<br>(See 37 CFR 1.116 and 4                                    | <u>y a hub-sleeve</u><br>o <u>proposed</u><br>1.33(a)).     |  |
| 4. The amendments are not in compliance with 37 CFR                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                             | of Non-Compliant Amendme                                                                                                 | ent (PTOL-324).                                             |  |
| 5. Applicant's reply has overcome the following rejection                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | n(s):                                                                                                                                                       | annuate timely filed arrang                                                                                              | lmont canaciin                                              |  |
| <ol> <li>Newly proposed or amended claim(s) would be<br/>the non-allowable claim(s).</li> </ol>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | e allowable it submitted in a                                                                                                                               | separate, timely filed amend                                                                                             | ment cancelin                                               |  |
| <ul> <li>7. For purposes of appeal, the proposed amendment(s): how the new or amended claims would be rejected is The status of the claim(s) is (or will be) as follows:</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | a) ⊠ will not be entered, o<br>provided below or appended                                                                                                   | r b)  will be entered and a                                                                                              | n explanation                                               |  |
| Claim(s) allowed:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                                                                                             |                                                                                                                          |                                                             |  |
| Claim(s) objected to:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                             |                                                                                                                          |                                                             |  |
| Claim(s) rejected: 7-13. Claim(s) withdrawn from consideration:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                                                                                             |                                                                                                                          |                                                             |  |
| AFFIDAVIT OR OTHER EVIDENCE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                                                                                             |                                                                                                                          |                                                             |  |
| The affidavit or other evidence filed after a final action because applicant failed to provide a showing of good.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | n, but before or on the date o<br>d and sufficient reasons why                                                                                              | f filing a Notice of Appeal wil<br>the affidavit or other evidenc                                                        | I <u>not</u> be entere<br>e is necessary                    |  |

9. The affidavit or other evidence filed after the date of filing a Notice of Appeal, but prior to the date of filing a brief, will not be entered because the affidavit or other evidence failed to overcome all rejections under appeal and/or appellant fails to provide a

11. The request for reconsideration has been considered but does NOT place the application in condition for allowance because:

showing a good and sufficient reasons why it is necessary and was not earlier presented. See 37 CFR 41.33(d)(1). 10. The affidavit or other evidence is entered. An explanation of the status of the claims after entry is below or attached.

and was not earlier presented. See 37 CFR 1.116(e).

REQUEST FOR RECONSIDERATION/OTHER

13. Other: \_\_\_\_.

12. Note the attached Information Disclosure Statement(s). (PTO/SB/08 or PTO-1449) Paper No(s) DANIEL P. STODOLA SUPERVISORY PATENT EXAMINER

**TECHNOLOGY CENTER 3600** 

Continution Sheet (PTOL-303)

Application No.

U.S. Patent and Trademark Office PTOL-303 (Rev. 9-04)

Advisory Action Before the Filing of an Appeal Brief

Part of Paper No. 20050329